

Attorney Docket No. 54008.8033:US00  
P03-0004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: ERIC J. BERGMAN

APPLICATION No.: 10/631,376

FILED: JULY 30, 2003

FOR: METHODS OF THINNING A SILICON WAFER USING  
HF AND OZONE

EXAMINER:

ART UNIT: 1746

CONF. No: 2135

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure statement is being after the mailing date of a first Office action on the merits, but before the mailing date of a final action under §1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application [37 C.F.R. § 1.97(c)]. The required fee is enclosed. The references listed on the enclosed Form PTO-SB/08A may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

Copies of the U.S. references are not enclosed.

06/07/2005 SLUANG1 00000006 10631376

01 FC:1806

180.00 0P

Certificate of Mailing

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

June 2, 2005  
Date of Deposit

Amy Shields  
Amy Shields

[54008-8033/LA051510.063]

Cited references "EE" through "EZ" are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference; (iii) a copy of a reference which appears to be an English-language counterpart; or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

A check in the amount of \$180.00 is enclosed.

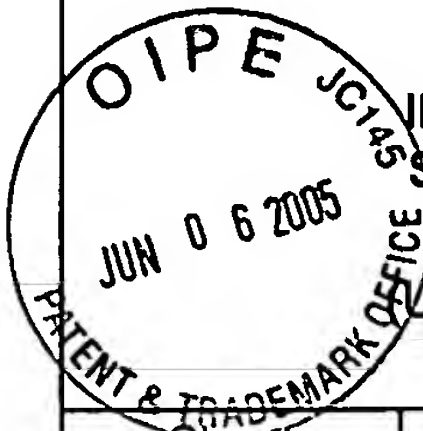
Dated: June 1, 2005

Respectfully submitted,

Customer No. 45540  
Perkins Coie LLP  
Patent - LA  
P.O. Box 1208  
Seattle, WA 98111-1208  
Phone: (310) 788-9900  
Fax: (206) 332-7198

PERKINS COIE LLP

By: Kenneth H. Ohriner  
Kenneth H. Ohriner  
Reg. No. 31,646

 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form SB/08A (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	10/631,376
				Confirmation Number	2135
				Filing Date	July 30, 2003
				First Named Inventor	Eric J. BERGMAN
				Group Art Unit	1746
				Examiner Name	Zeinab El Arini
Sheet	1	of	3	Attorney Docket No.	54008.8033.US00 (P03-0004)

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	DE	4186032		Ham	01/1980	
	DF	4749440		Blackwood et al	06/1988	
	DG	4778532		McConnell et al.	10/1988	
	DH	4817652		Liu	04/1989	
	DI	4899767		McConnell et al.	02/1990	
	DJ	4917123		McConnell et al.	04/1990	
	DK	5032218		Dobson	07/1991	
	DL	5063609		Lorimer	11/1991	
	DM	5071485		Matthews et al.	12/1991	
	DN	5105556		Kurokawa et al.	04/1992	
	DO	5246526		Yamaguchi et al.	09/1993	
	DP	5326406		Kaneko et al.	07/1994	
	DQ	5372651		Kodama	12/1994	
	DR	5571367		Nakajima et al.	11/1996	
	DS	5832177		Shinagawa et al.	11/1998	
	DT	5950643		Miyazaki et al.	09/1999	
	DU	5964952		Kunze-Concewitz	10/1999	
	DV	5964954		Matsukawa et al.	10/1999	
	DW	6146469		Toshima	11/2000	
	DX	6249933		Berfield	06/2001	
	DY	6267125		Bergman et al.	07/2001	
	DZ	6273108		Bergman et al.	08/2001	
	EA	6582525		Bergman	06/2003	
	EB	6817370		Bergman et al.	11/2004	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to application(s).	
[54008.8064.US00/LA051510.062]	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form SB/08A (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	10/631,376
				Confirmation Number	2135
				Filing Date	July 30, 2003
				First Named Inventor	Eric J. BERGMAN
				Group Art Unit	1746
				Examiner Name	Zeinab El Arini
Sheet	2	of	3	Attorney Docket No.	54008.8033.US00 (P03-0004)

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Offic e	NUMBER	Kind Code (if known)				
	EC	EP	0587889		Ohmi, Tadahiro	23 Mar-94		
	ED	EP	0782177		Texas Instruments	2 Jul-97		
	EE	JP	62-117330		Sanyo Electric Co. Ltd.	28 May-87		
	EF	JP	63-110732		NEC Corp.	16 May-88		
	EG	JP	01-042129		Hitachi Ltd.	14 Feb-89		
	EH	JP	H01-262627		Nippon Denki, K.K.	19 Oct-89		
	EI	JP	03-072626		Dainippon Screen Mfg.	27 Mar-91		
	EJ	JP	H04-125927		Fujitsu Ltd.	27 Apr-92		
	EK	JP	H04-298038		Hitachi Cable, Ltd.	21 Oct-92		
	EL	JP	04-302144		Hitachi Ltd.	26 Oct-92		
	EM	JP	04-302145		Hitachi Ltd.	26 Oct-92		
	EN	JP	04-370931		Hitachi Zosen Corp.	24 Dec-92		
	EO	JP	05-013398		Hitachi Zosen Corp.	22 Jan-93		
	EP	JP	05-109686		Nippon Steel Corp.	03 Apr-93		
	EQ	JP	05-259139		Hitachi Ltd.	08 Oct-93		
	ER	JP	05-283389		NEC Corp.	29 Oct-93		
	ES	JP	06-204130		Mitsubishi Electric Corp.	22 Jul-94		
	ET	JP	07-159980		Nikon Corp.	23 Jun-95		
	EU	JP	08-008222		Sony Corp.	12 Jan-96		
	EV	JP	H03-208900		Nippon Steel Corp.	12 Sep-91		
	EW	JP	01-189921 (63-16127)		Mitsubishi Electric Corp	31 Jul-89		
	EX	JP	54-034751 (52-100473)		Hitachi Ltd.	14 Mar-79		
	EY	JP	04-079221 (1-192712)		Seiko Epson Corp.	12 Mar-92		
	EZ	JP	61-004232 (1984-125760)		Nippon Electric Co.	10 Jan-86		
	FA	WO	WO99/52654		Semitool, Inc.	21 Oct-99		

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

<div>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div>Form SB/08A</div> <div>(Use several sheets if necessary)</div>				COMPLETE IF KNOWN	
				Application Number	10/631,376
				Confirmation Number	2135
				Filing Date	July 30, 2003
				First Named Inventor	Eric J. BERGMAN
				Group Art Unit	1746
				Examiner Name	Zeinab El Arini
Sheet	3	of	3	Attorney Docket No.	54008.8033.US00 (P03-0004)

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	FB	Bergman, E. et al., "HF-Ozone Cleaning Chemistry," <i>Solid State Technology</i> 46(7):115-124(2001).	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to application(s).	